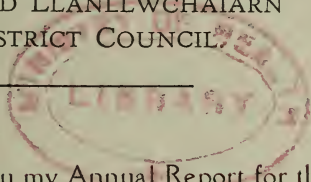


Medical Officer's Report For the Year 1945.

HEALTH
E 13 SEP 1945

To the CHAIRMAN AND MEMBERS OF THE
NEWTOWN AND LLANLLWCHAIARN
URBAN DISTRICT COUNCIL



Gentlemen,

I beg to submit to you my Annual Report for the year 1945.

The Public Health Officials are Dr. A. Shearer, Medical Officer of Health (part-time), and Mr. A. S. Benbow, who combines the duties of Highways Surveyor, Water Manager and Meat Inspector, with the post of Sanitary Inspector.

STATISTICS.

Area, 7,224 acres.

Estimated population, 4,901.

Number of Inhabited Houses according to the rate book, 1,550.

Rateable Value, £24,335.

Sum represented by One Penny Rate, £97.

The Town and District has been free from any serious epidemic diseases.

The general health of the Community has been good. There has been very little unemployment probably due to the fact that following the closing of the War-time factory, the buildings were taken over by a Cycle Manufacturing firm which now employs a considerable number of the previous employees and additional ones.

VITAL STATISTICS FOR THE YEAR.

		Total.	Male.	Female.
		67	32	35
Live Births	{ Legitimate	..	24	31
	{ Illegitimate	...	8	4

The Birth Rate is, therefore, 13·6 compared with 19·8 for the year 1944, and with 16·1 for the whole of England and Wales.

Twelve illegitimate births show a large increase on previous War years, the figures being for 1940, 3; 1941, 5; 1942, 3; 1943, 6; 1944, 5.

		Total	M.	F.
		1	0	1
Still Births	{ Legitimate	...	0	0
	{ Illegitimate	...	0	1

Rate per 1,000 live and still births, 14·7.

			Total.	M.	F.
Deaths	...	...	75	42	33

The death rate is 15·3 compared with 13·2 for 1944, and with 11·4 for the whole of England and Wales.

A large proportion of these deaths occurred in people over 75 years of age and up to 92.

There were no deaths from puerperal or other Maternal Causes.

Deaths of Infants under one year of age: —

		Total.	M.	F.
		6	5	1
Legitimate	...	...	1	0
Illegitimate	...	...	4	1

Rate per 1,000 live and still births is 88·2, compared with 9·9 for 1944 and with 46 for the whole of England and Wales.

Causes of Death :—

Heart disease	...	...	...	21
Other diseases of circulatory system			...	3
Bronchitis	...	...	...	9
Tuberculosis of respiratory system			...	1
Other respiratory disease			...	1
Diarrhoea under two years			...	2
Cancer of stomach and duodenum	...		...	2
Ulcer of stomach and duodenum			...	1
Other digestive disease	...		...	1
Cancer of breast	...		...	1
Cancer all other sites	...		...	11
Nephritis	...		...	3
Premature births	...		...	3
Intracranial Vascular lesions			...	7
Influenza	...		...	1
Suicide	...		...	1
Road Traffic Accident	...		...	1
Other Violent causes	...		...	1
All other Causes	...		...	5

There were no deaths from Measles, or Whooping Cough, but two deaths from diarrhoea under two years of age.

Infectious Diseases notified during the year :—

Measles	...	...	...	28
Scarlet Fever			...	4
Pneumonia	...		...	4
Diphtheria	...		...	1

TUBERCULOSIS.

One case of tubercle of the lung was notified, a female aged 25.

Two cases of pulmonary disease, one male aged 29 and one female aged 25 died during the year.

The Notification of the disease is satisfactorily carried out in the district.

SANITARY INSPECTION OF THE DISTRICT.

Report of the Sanitary Inspector for the year ending December 31st, 1945:—

(a) The number of inspections made by me during the year 220

(b) The number of notices served during the year distinguishing Statutory from informal notices:—

		Served.	Complied with.
1.	Informal notices	... 84	73
2.	Statutory notices	... Nil	Nil

(c) The result of service of such notices:—

1.	Informal notices complied with	... 73
2.	Statutory notices complied with	... Nil

HOUSING.

Inspections under the Housing Act have been made, but owing to the scarcity of skilled labour, there is still some difficulty in getting repairs and improvements carried out.

MEAT INSPECTION.

During the year regular meat inspections have been made at the Government Slaughter House, and the following animals were killed:—

Cattle,	Sheep,	Pigs,	Calves,
1,199.	12,384.	200.	1,921.

The following carcasses with tuberculosis were condemned, and the following are the particulars:—

Cattle with tuberculosis ... 34

There were a few carcasses which were septic and fevered and which were condemned, and parts of carcasses which had fluke, actinomycosis, etc., which were also condemned.

WATER UNDERTAKING.

There is an abundant supply of good water which is filtered and chlorinated. Water is supplied direct to the inside of 1,041 houses, the remaining 386 are supplied by stand pipes situated in yards. There are no stand pipes on the public highways.

During the year, no sample of the raw water was sent for examination, but monthly samples of the water going into the supply were sent for Bacteriological examination, and they all proved highly satisfactory. The following is a copy of the report sent on June 18th:—

Plate Count. Yeastrel agar 3 days 22°C aerobically . per ml.
 " " " 2 " 37°C " .. per ml.

Probable number of Coliform bacilli, MacConkey, 2 days,
 37°C 0 per 100 ml.

Approximate proportions of faecal and non-faecal coli:

(a) Faecal coli ... 0 ... per cent.

(b) Non-faecal coli ... 0 ... per cent.

Free Chlorine. 0.03 parts per million.

(Highly satisfactory).

A sample was sent for Chemical Analysis on the 7th of November, 1945, and this proved satisfactory, the following is the analysis:—

Marked Tap, Wesley Street, Newtown.

In parts per 100,000 of water:—

Total solid matter in Solution ... 17.0

Nitrogen in Nitrates and Nitrites	...	...	Nil
Chlorine in Chlorides	...	...	1.3
Oxygen absorbed from permanganate in 4 hours at 80 F.	...	...	0.036
Free and Saline Ammonia	...	...	0.002
Albuminoid Ammonia	...	...	0.004
Lead, Copper, Zinc, Iron	...	...	Nil
Trace of Iron Bacteria.			
Microscopical examination of sediment:			
Reaction pH value	...	...	7.2
Alkalinity as Calcium Carbonate	...	...	4.5
Total hardness in degrees Clark	...	...	7.0
Appearance	...	...	Slight brown colour.

The above chemical analysis is satisfactory.

The iron Bacteria are harmless.

(Signed), HAROLD LOWE, M.Sc., F.I.C.

SEWAGE DISPOSAL.

The Sewage Farm which has been regularly inspected, was found in a fairly satisfactory condition.

MILK AND DAIRIES ACT.

Regular inspections have been paid to the Cowsheds and Dairies, and these were found in a clean state. Samples of milk have been taken each week up to November, and sent away to be tested for cleanliness and keeping qualities. The results vary, but on the whole, the reports have been fairly satisfactory.

Since November the samples have been taken by representatives of the National Milk Testing & Advisory Scheme, but I have not heard the results of the Analysis.

I am,

Yours obediently,

A. SHEARER,

Medical Officer of Health.

August 10th, 1946.

